Logistic Regression

Introduction

```
# Loading the dataset into a dataframe
df <- read_delim("../data/processed/wines.csv", ";", escape_double = FALSE, trim_ws = TRUE)
```

```
## Parsed with column specification:
## cols(
##   fixed_acidity = col_double(),
##   volatile_acidity = col_double(),
##   citic_acid = col_double(),
##   residual_sugar = col_double(),
##   chlorides = col_double(),
##   free_sulfur_dioxide = col_double(),
##   total_sulfur_dioxide = col_double(),
##   density = col_double(),
##   pH = col_double(),
##   sulphates = col_double(),
##   alcohol = col_double(),
##   quality = col_integer(),
##   type = col_integer()
## )
```

```
# Train and test dataset, split 80%.
split = nrow(df)*0.8
train = df[1:split,]
test = df[split:nrow(df),]
```